

# 2020 Impaired Waters - 303(d) List

## Supplemental List of New Impairments in 2020

### Potomac and Shenandoah River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>A02R-01-BEN</b>	<b>Catoctin Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.52	2020	L
<b>A06R-01-PH</b>	<b>Jacks Run</b>						
Aquatic Life	pH	5A			3.18	2020	L
<b>A08R-09-BEN</b>	<b>Howyers Branch</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.10	2020	L
<b>A09R-07-BEN</b>	<b>Russell Branch</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.09	2020	L
<b>A17R-01-BEN</b>	<b>Cedar Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.00	2020	L
<b>A17R-01-DO</b>	<b>Owl Run</b>						
Aquatic Life	Dissolved Oxygen	5A			5.85	2020	L
<b>A22R-04-BEN</b>	<b>Elklick Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.34	2020	L
<b>A24R-02-BEN</b>	<b>Hooes Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.98	2020	L
<b>A25R-06-BAC</b>	<b>Cow Branch</b>						
Recreation	Escherichia coli (E. coli)	5A			3.99	2020	L
<b>A26R-01-CU</b>	<b>Quantico Creek</b>						
Aquatic Life	Copper	5A			1.47	2020	L
Wildlife	Copper	5A			1.47	2020	L
<b>A29R-02-BEN</b>	<b>Potomac Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.59	2020	L
<b>A32E-20-PCB</b>	<b>Nomini Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A	4.648			2020	L
<b>A33E-08-EBEN</b>	<b>West Yeocomico River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.052			2020	L
<b>A33E-11-PCB</b>	<b>Yeocomico River</b>						
Fish Consumption	PCBs in Fish Tissue	5A	1.878			2020	L
<b>A34E-06-EBEN</b>	<b>Coan River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.534			2020	L
<b>B02R-05-BAC</b>	<b>South Branch Potomac River</b>						
Recreation	Escherichia coli (E. coli)	5A			10.36	2020	L
<b>B12R-01-PCB</b>	<b>Lewis Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A			2.47	2020	L

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Impaired Use	Cause	Category	(Sq. Miles)	(Acres)	(Miles)	List Date	Dev. Priority

VA DEQ is transitioning from Fecal Coliform bacteria to Escherichia coli (fresh water) and Enterococci (salt water) for assessing the Recreation Use.

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## Supplemental List of New Impairments in 2020

### James River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>G01R-10-BEN</b>	<b>Pocoshock Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.70	2020	L
<b>G15E-09-EBEN</b>	<b>Southern Branch, Elizabeth River - Middle</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.015			2020	L
<b>H03R-04-PCB</b>	<b>James River, Slate River</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			6.32	2020	L
Wildlife	Polychlorinated Biphenyls (PCBs)	5A			6.32	2020	L
<b>H11L-01-BAC</b>	<b>Stonehouse Creek Reservoir</b>						
Recreation	Escherichia coli (E. coli)	5A		33.53		2020	L
<b>H11L-02-BAC</b>	<b>Thrashers Creek Reservoir</b>						
Recreation	Escherichia coli (E. coli)	5A		31.95		2020	L
<b>H31R-01-HG</b>	<b>Rivanna River</b>						
Fish Consumption	Mercury in Fish Tissue	5A			8.38	2020	L
<b>H32R-07-BAC</b>	<b>South Fork Cunningham Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			1.58	2020	L
<b>H39R-06-PCB</b>	<b>Reedy Creek</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			1.08	2020	L
<b>H39R-26-BEN</b>	<b>Dover Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.76	2020	L
<b>I04R-02-TEMP</b>	<b>Jackson River</b>						
Aquatic Life	Temperature	5A			5.15	2020	L
<b>I09R-03-BAC</b>	<b>Jackson River</b>						
Recreation	Escherichia coli (E. coli)	5A			5.27	2020	L
<b>I21R-01-BAC</b>	<b>Johns Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			2.20	2020	L
<b>I21R-02-BAC</b>	<b>Johns Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			4.42	2020	L
<b>I22R-01-BAC</b>	<b>Barbours Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			8.13	2020	L
<b>I25R-01-BAC</b>	<b>Catawba Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			11.71	2020	L
<b>I25R-02-BAC</b>	<b>Haymaker Branch</b>						
Recreation	Escherichia coli (E. coli)	5A			1.36	2020	L
<b>I27R-02-PCB</b>	<b>James River</b>						
Fish Consumption	PCBs in Fish Tissue	5A			9.52	2020	L
<b>I35R-03-BEN</b>	<b>Woods Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			1.27	2020	L

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Impaired Use	Cause						
<b>J01R-07-BEN</b>	<b>Plum Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.75	2020	L
<b>J03R-07-BEN</b>	<b>North Branch Sandy River</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.40	2020	L
<b>J05L-01-HG</b>	<b>Briery Creek Lake</b>						
Fish Consumption	Mercury in Fish Tissue	5A		819.66		2020	L
<b>J06R-05-BEN</b>	<b>Big Guinea Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.72	2020	L
<b>J07L-01-CHLA</b>	<b>Amelia Lake</b>						
Aquatic Life	Chlorophyll-a	5A		98.31		2020	L

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### Rappahannock River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>E01R-03-BEN</b>	<b>Hittles Mill Stream</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.83	2020	L
<b>E09R-01-BEN</b>	<b>Mountain Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.63	2020	L
<b>E09R-01-PCB</b>	<b>Mountain Run</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			13.25	2020	L
<b>E09R-03-BEN</b>	<b>Unnamed tributary to Jonas Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.53	2020	L
<b>E09R-03-PCB</b>	<b>Unnamed tributaries to Mountain Run</b>						
Fish Consumption	Polychlorinated Biphenyls (PCBs)	5A			1.72	2020	L
<b>E15R-04-BEN</b>	<b>Little Dark Run</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.53	2020	L
<b>E23R-22-PCB</b>	<b>Mount Landing Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A			1.15	2020	L
<b>E25E-31-PCB</b>	<b>Urbanna Creek</b>						
Fish Consumption	PCBs in Fish Tissue	5A	0.452			2020	L

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### Roanoke and Yadkin River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>L07R-02-BAC</b>	<b>Merriman Run, UT (XUO)</b>						
Recreation	Escherichia coli (E. coli)	5A			0.88	2020	L
<b>L07R-04-BEN</b>	<b>Lynville Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.84	2020	L
<b>L18R-05-BEN</b>	<b>Jonnikin Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.52	2020	L
<b>L51L-01-DO</b>	<b>Philpott Reservoir</b>						
Aquatic Life	Dissolved Oxygen	5A		1,592.16		2020	L
<b>L51L-01-TEMP</b>	<b>Philpott Reservoir</b>						
Aquatic Life	Temperature	5A		2,813.52		2020	L
<b>L52R-04-BEN</b>	<b>Smith River</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.84	2020	L
<b>L57R-04-BEN</b>	<b>Cascade Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			11.81	2020	L
<b>L57R-05-BEN</b>	<b>Pumpkin Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.72	2020	L
<b>L57R-06-HG</b>	<b>Dan River</b>						
Fish Consumption	Mercury in Fish Tissue	5A			4.16	2020	L
<b>L64R-02-BEN</b>	<b>Miry Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			13.06	2020	L
<b>L76L-01-BAC</b>	<b>Buffalo Creek</b>						
Recreation	Escherichia coli (E. coli)	5A		358.96		2020	L
<b>L80R-01-BEN</b>	<b>Great Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.68	2020	L
<b>L81R-03-BEN</b>	<b>Little Poplar Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.51	2020	L
<b>M02R-01-BAC</b>	<b>Lovills Creek, Stewarts Creek and Pauls Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			4.26	2020	L

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### Chowan River and Dismal Swamp Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>K01R-05-BEN</b>	<b>Kitts Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			4.75	2020	L
<b>K08R-06-BAC</b>	<b>Greenville Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			3.77	2020	L
<b>K13R-05-BAC</b>	<b>Meherrin River (Lower)</b>						
Recreation	Escherichia coli (E. coli)	5A			4.52	2020	L
<b>K14R-02-BEN</b>	<b>Big Hounds Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			10.34	2020	L
<b>K14R-04-BAC</b>	<b>Nottoway River</b>						
Recreation	Escherichia coli (E. coli)	5A			7.26	2020	L
<b>K14R-05-BAC</b>	<b>Falls Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			5.29	2020	L
<b>K14R-06-BEN</b>	<b>UT to Big Hounds Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			3.57	2020	L
<b>K16R-07-BAC</b>	<b>Seay Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			7.48	2020	L
<b>K19R-04-HG</b>	<b>Nottoway River and Tributaries</b>						
Fish Consumption	Mercury in Fish Tissue	5A			10.75	2020	L
<b>K19R-06-BAC</b>	<b>Nottoway River</b>						
Recreation	Escherichia coli (E. coli)	5A			13.84	2020	L
<b>K23R-11-BAC</b>	<b>Hatcher Run</b>						
Recreation	Escherichia coli (E. coli)	5A			16.22	2020	L
<b>K23R-12-BAC</b>	<b>Warren Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			1.21	2020	L
<b>K23R-13-BAC</b>	<b>Joseph Swamp, UT</b>						
Recreation	Escherichia coli (E. coli)	5A			1.39	2020	L
<b>K24R-03-BAC</b>	<b>Hunting Quarter Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			56.97	2020	L
<b>K27R-02-BAC</b>	<b>Three Creek - Lower &amp; Upper &amp; UT to Angelico Cr</b>						
Recreation	Escherichia coli (E. coli)	5A			1.90	2020	L
<b>K28R-07-BAC</b>	<b>Nottoway River - Upper</b>						
Recreation	Escherichia coli (E. coli)	5A			4.44	2020	L
<b>K30R-01-PCB</b>	<b>Nottoway River -Lower Middle</b>						
Fish Consumption	PCBs in Fish Tissue	5A			10.96	2020	L
<b>K30R-02-PCB</b>	<b>Nottoway River - Lower</b>						
Fish Consumption	PCBs in Fish Tissue	5A			4.54	2020	L
<b>K35R-07-BAC</b>	<b>Roundhill Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			4.02	2020	L

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### Chowan River and Dismal Swamp Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>K36R-09-BAC</b>	<b>Black Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			4.95	2020	L
<b>K39R-04-DO</b>	<b>Cypress Swamp</b>						
Aquatic Life	Dissolved Oxygen	5A			4.56	2020	L

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### Tennessee and Big Sandy River Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>O10R-01-PH</b>	<b>Little Tumbling Creek</b>						
Aquatic Life	pH	5A			5.79	2020	L
<b>O10R-08-TEMP</b>	<b>Little Tumbling Creek</b>						
Aquatic Life	Temperature	5A			5.79	2020	L
<b>O12R-04-BEN</b>	<b>Rich Valley Unnamed Tributary</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			0.85	2020	L
<b>P04R-04-BEN</b>	<b>Big Lick Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.21	2020	L
<b>P06R-02-BEN</b>	<b>Little Cedar Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			6.04	2020	L
<b>P11R-12-PH</b>	<b>Mill Creek</b>						
Aquatic Life	pH	5A			2.24	2020	L
<b>P14R-03-BEN</b>	<b>Obeys Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			5.50	2020	L
<b>P20L-01-TEMP</b>	<b>Lake Keokee</b>						
Aquatic Life	Temperature	5A		96.21		2020	L
<b>P23R-04-BAC</b>	<b>Powell River</b>						
Recreation	Escherichia coli (E. coli)	5A			8.47	2020	L
<b>Q01R-03-BEN</b>	<b>Beech Fork</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.67	2020	L
<b>Q09R-01-BAC</b>	<b>Russell Fork and Tributaries</b>						
Recreation	Escherichia coli (E. coli)	5A			2.08	2020	L
<b>Q10R-02-BEN</b>	<b>Little Pawpaw Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.93	2020	L
<b>Q12R-01-TEMP</b>	<b>Russell Fork</b>						
Aquatic Life	Temperature	5A			2.25	2020	L
<b>Q12R-06-BEN</b>	<b>Grassy Creek</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			2.08	2020	L
<b>Q13R-08-BAC</b>	<b>Indian Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			2.98	2020	L
<b>Q14R-01-BAC</b>	<b>Cranesnest River and Tributaries</b>						
Recreation	Escherichia coli (E. coli)	5A			6.33	2020	L

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### Chesapeake Bay/Atlantic/Small Coastal Basins

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>C01E-10-EBEN</b>	<b>Cockrell Creek</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.612			2020	L
<b>C07E-51-EBEN</b>	<b>Southwest Br. Back River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.568			2020	L
<b>C08E-19-BAC</b>	<b>10th View Beach</b>						
Recreation	Enterococcus	5A	0.152			2020	L
<b>C08E-20-BAC</b>	<b>North Community Beach</b>						
Recreation	Enterococcus	5A	0.044			2020	L
<b>C08E-22-BAC</b>	<b>Long Creek</b>						
Recreation	Enterococcus	5A	0.316			2020	L
<b>C08E-23-BAC</b>	<b>Linkhorn Bay-Upper</b>						
Recreation	Enterococcus	5A	0.004			2020	L
<b>C08R-01-BAC</b>	<b>Little Neck Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			1.12	2020	L
<b>C12R-03-BAC</b>	<b>Taylor Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			0.90	2020	L
<b>D01E-19-EBEN</b>	<b>Chincoteague Bay</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.016			2020	L
<b>D02R-02-BAC</b>	<b>Assawoman Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			1.02	2020	L
<b>D04E-02-DO</b>	<b>Unnamed tributary to Red Bank Creek</b>						
Aquatic Life	Dissolved Oxygen	5A	0.009			2020	L
<b>D04E-09-DO</b>	<b>Quinby Harbor-Upshur Bay</b>						
Aquatic Life	Dissolved Oxygen	5A	3.389			2020	L
<b>D04E-11-EBEN</b>	<b>Machipongo River-Middle</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.134			2020	L
<b>D06R-04-BAC</b>	<b>Mill Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			2.23	2020	L
<b>D07E-11-BAC</b>	<b>Lake Wesley - Upstream Branches</b>						
Recreation	Enterococcus	5A	0.016			2020	L
<b>D07E-12-BAC</b>	<b>Lake Rudee - Upper (northwest trib.)</b>						
Recreation	Enterococcus	5A	0.007			2020	L

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## Supplemental List of New Impairments in 2020

### York River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>F01R-04-BEN</b>	<b>South Anna River</b>						
Aquatic Life	Benthic Macroinvertebrates Bioassessments	5A			8.14	2020	L
<b>F14E-07-EBEN</b>	<b>Pamunkey River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.584			2020	L
<b>F21R-01-BAC</b>	<b>Boot Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			1.68	2020	L
<b>F23E-03-BAC</b>	<b>Mattaponi River</b>						
Recreation	Escherichia coli (E. coli)	5A	0.159			2020	L
<b>F23R-13-BAC</b>	<b>Dickeys Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			3.99	2020	L
<b>F23R-14-BAC</b>	<b>Dickeys Swamp</b>						
Recreation	Escherichia coli (E. coli)	5A			0.07	2020	L
<b>YRKMH-EBEN-BAY</b>	<b>Adams Creek - Upper and the lower York River</b>						
Aquatic Life	Estuarine Bioassessments	5A	0.116			2020	L

VA DEQ is transitioning from Fecal Coliform bacteria to Escherichia coli (fresh water) and Enterococci (salt water) for assessing the Recreation Use.

TMDL Development Priorities are: H (High) = formal EPA priority to be addressed with a plan by 2022; M (Medium) = DEQ priority that may be addressed with a plan by 2022; or L (Low) = not prioritized to be addressed with a plan by 2022.

Multiple listings are due to the same impairments for different uses and/or different initial listing dates for adjacent waters.

# 2020 Impaired Waters - 303(d) List

## Supplemental List of New Impairments in 2020

### New River Basin

Cause Group Code	Water Name	Cause Category	Estuary (Sq. Miles)	Reservoir (Acres)	River (Miles)	Initial List Date	TMDL Dev. Priority
Impaired Use	Cause						
<b>N02R-01-TEMP</b>	<b>Wilson Creek</b>						
Aquatic Life	Temperature	5A			13.52	2020	L
<b>N02R-02-BAC</b>	<b>New River and Grassy Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			0.42	2020	L
<b>N02R-03-BAC</b>	<b>Wilson Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			7.57	2020	L
<b>N04R-08-PH</b>	<b>New River</b>						
Aquatic Life	pH	5A			0.42	2020	L
<b>N09R-04-TEMP</b>	<b>Crigger Creek</b>						
Aquatic Life	Temperature	5A			4.20	2020	L
<b>N10R-01-TEMP</b>	<b>Reed Creek and Mill Creek</b>						
Aquatic Life	Temperature	5A			6.39	2020	L
<b>N13R-01-TEMP</b>	<b>Big Reed Island Creek</b>						
Aquatic Life	Temperature	5A			19.85	2020	L
<b>N15R-01-TEMP</b>	<b>Little Reed Island Creek</b>						
Aquatic Life	Temperature	5A			5.28	2020	L
<b>N22R-04-BAC</b>	<b>Toms Creek</b>						
Recreation	Escherichia coli (E. coli)	5A			5.71	2020	L
<b>N22R-05-BAC</b>	<b>New River</b>						
Recreation	Escherichia coli (E. coli)	5A			11.13	2020	L

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Multiple listings are due to the same impairments for different uses and/or different initial listing dates for adjacent waters.